

ABSTRACT OF THE DISCLOSURE

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A current detector having a Hall-effect device formed in a semiconductor substrate for giving an output voltage proportional to the magnitude of an electric current. Also included is a sheet-metal baseplate mechanically supporting the Hall-effect device. For handling a current of greater magnitude than heretofore, a U-shaped current path is defined in the baseplate as by cutting therein a J-shaped slit and a set of straight slits for bounding the opposite side edges of the path. The baseplate lies in sufficient proximity to the Hall-effect device to cause the same to develop a voltage indicative of the current magnitude on the current path.